



Staff **M**obility to **A**ction **R**esilient, **R**estorative, and **R**egenerative **T**ransitions & **S**ocieties



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I3X – Guiding Principles



SMAR3TS

- Innovate3X-Igniting Impactful Initiatives, or I3X, should aim to accelerate the understanding/scoping of a challenge (technological, market, societal etc), and the emergence/development of possible solutions. This can be interpreted as e.g. increased technological or societal readiness, once the I3X is completed.
- I3X should have a sufficient scale and scope (i.e. not being too narrowly-defined), and should require multi/cross/inter/trans disciplinary capabilities.
- I3X should align to the core concepts of SMAR3TS – Resilience, Restoration, Regeneration (either R or all Rs).
- I3X should align to (at least) one WP – WPs are the main coordination mechanism of the project, hence I3X should be connected to WPs.
- Any partner can initiate an I3X. Yet, shaping the I3X should be done collectively, and in collaboration with WP leader and SMAR3TS Team.
- At this stage, we are looking for initial I3X, which will be further defined during the Kick Off Meeting – and where engagement across the consortium will be assessed.
- Overall, it is expected that each I3X will lead and enable about 10 person-months of secondment, across the consortium (i.e. not only between the initiator of the I3X and possible contributors), possibly more.
- I3X will serve as guiding instruments for secondments, as well as for events (i.e. hackathons, workshops, showcase)

I3X – About the initiator 1



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Name of Organization: Siena Art Institute (SART) and University of Sienna, Italy

Research Group/Department: Department of Social, political, and cognitive sciences (DISPOC) at the University of Sienna

Country: Italy

| 1. Background info | 2. Department |
|---|---|
| <p>DISPOC research group of the University of Siena brings together the scholars of the social, political and cognitive sciences. It offers an environment for scholars who, while developing their different disciplinary profiles, are interested in interdisciplinary work on a number of research themes.</p> <p>The Siena Art Institute (SART) is an international center of excellence for art and creativity located in the heart of Siena.</p> | <p>Short description: DISPOC is multidisciplinary. In this context, the geographers focus on research and teaching activities that include sustainability, data & society, digital platforms & platform urbanism, housing, studentification, overtourism, etc. The team uses various approaches, including participatory practices, Citizen Science and activities developed in the LADEST laboratory (e.g. GIS).</p> <p>Link to the website: https://docenti.unisi.it/en/sanna, https://docenti.unisi.it/en/capineri</p> <p>Contact info: Venere S. Sanna, venere.sanna@unisi.it and Cristina Capineri, cristina.capineri@unisi.it</p> <p>SMAR3TS Housing Work Package Lead Contact: Assoc. Prof. Liis Ojamäe, TalTech, liis.ojamae@taltech.ee</p> |
| 3. Expertise and available technologies within SMAR3TS project | 4. Examples of strategically relevant Innovate-3X Initiatives |
| <p>1. Expertise of your research group/department and available technologies:</p> <ul style="list-style-type: none"> • Digital Social Innovation in the City • Housing: airbnbification, studentification, overtourism • Sustainability and resilience • Participatory approaches and Citizen Science <p>2. Current status: Long-term and ongoing thematic research and development stemming from the projects: Digitally-Enabled Social Innovation in the City (2022-2026), National Biodiversity Future Center, Terrestrial and Fresh Water Biodiversity (2022-2026), Citizen Science for Siena (2023 – 2024), Short-Term City: digital platforms and spatial justice (2017-2024); EU COST-ENERGIC: European Network Exploring Research into Geospatial Information Crowdsourcing (2012 – 2016).</p> <p>3. Examples of engagement in Research, Development & Innovation (RDI) partnerships and industry partnerships:</p> <ul style="list-style-type: none"> • Projects funded by EC, national ministries and agencies, etc. • Partnerships: universities and industry, local and national bodies, private sector & start-ups, local associations and third sector, etc. | <ul style="list-style-type: none"> - To foster resilient housing systems by reinforcing the sense of belonging and stimulating the ability of local communities to withstand and recover from disruptions (e.g., displacement due to the transformation induced by overtourism, social conflicts, environmental degradation of certain destinations, resource depletion, economic dependency and vulnerability). - To stimulate bottom-up strategies and place-based inspired policies for restoration and regeneration, i.e. by supporting revitalization of neighborhoods and revival of local activities while stimulating the active involvement of local communities and marginalized groups. |

I3X – About the initiator 2



Name of Organization: Tallinn University of Technology (TalTech), Estonia
Research Group/Department: TalTech School of Business and Governance (TalTech SBG)
Country: Estonia

SMAR3TS

1. Background info

TalTech is internationally recognized research-based university; leading provider of engineering and economic education in Estonia.

Website: www.taltech.ee

3. Expertise and available technologies within SMAR3TS project

1. **Expertise** of your research group/department and available technologies:

R&D-related expertise in the fields of economics, business, law, public administration, and urban studies.

2. **Current status** of available technologies (incl. TRL) / problematization/solution development (SRL) and expected TRL/SRL to reach:

Examples of long-term and ongoing thematic research and development projects: Reusing Old Buildings for Circular Construction; Supporting Active Mobility in BSR, FinEst Centre for Smart Cities; Supporting Sustainability and Livability of Heritage Spaces; Mobilising Residents In Energy-efficient Housing Renovation, etc.

3. **Examples of engagement in Research, Development & Innovation (RDI) partnerships and industry partnerships**

- Projects funded by EC, OECD, UN, national ministries and agencies, etc.
- Partnerships: EuroTeQ, universities and industry, City of Tallinn, etc.

2. Department

Short description: Focus on research and teaching-related activities in business administration, including a research stream of urban and housing studies

Link to the website: <https://taltech.ee/en/department-business-administration>

Contact info: Liis Ojamäe, Associate Professor, liis.ojamae@taltech.ee

4. Examples of strategically relevant Innovate-3X Initiatives

- **I3X challenge:** “Identity and sense of belonging: building resilient housing systems through communities and neighborhoods” (see details on the next slide)

I3X Description



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Note: there can be several Innovate-3X descriptions, just duplicate this template slide

1) Innovate3X: "Identity and sense of belonging: building resilient housing systems through communities and neighborhoods"

1. Description of Current Stage

Specify here: *What is your research group/department currently working on? Which initiatives/projects are underway under Innovate-3X? How does this work contribute to resilience, restoration, and regeneration?*

Community engagement and neighborhood-level initiatives play a critical role in shaping resilient housing systems understood as socio-cultural, institutional, technological, and spatial arrangements embedded in local living environments. Urban neighborhoods face diverse challenges that manifest differently across contexts; however, the resilience and restorative capacities of the living environment are significantly shaped by the quality of engagement and inclusiveness of local community.

This I3X seeks to comparatively analyze experiences with innovative, context-sensitive approaches to community engagement, from co-design to implementation and impact evaluation, to propose innovative and transferable insights for housing policy development.

- Idea / Conceptualization
- Pilot / Proof of Concept
- Early Implementation

2. Necessary skills and capabilities, across disciplines:

Specify here: *What gaps or barriers need to be addressed to move forward? Which new skills, knowledge, expertise, interdisciplinary approaches or collaborations are required?*

This I3X invites **knowledge exchange** and the development of a **comparative approach** to support resilient housing systems and living environments with restorative capacity, in alignment with the New European Bauhaus (NEB) principles of *beautiful, sustainable, together*. Learning from good practices in other contexts, both within SMAR3TS activities and through new joint project applications, is expected.

This cross-disciplinary I3X, **jointly proposed by Siena Art Institute in collaboration with the University of Siena and TalTech**, welcomes contributions from diverse academic and practice-based expertise related to community engagement in housing or related focus areas.

3. Examples of challenges that need to be addressed

Specify here: *Please outline which challenges remain unresolved. You may answer in bullet points.*

Examples of strategically relevant challenges:

- Integrating innovative, creative, and art-based approaches with more traditional scientific approaches for community engagement;
- Developing new impact indicator systems and intervention evaluation standards for difficult-to-quantify long-term processes such as identity-building and sense of belonging; as well as developing policy instruments that would balance efficiency needs with greater sensitivity towards socio-cultural processes related to housing;
- Developing new comparative evidence of functional, aesthetic and inclusive spaces (indoor/outdoor as well as private/public) that function as catalysts to support a positive identification with the neighborhood/community and cultivate a sense of belonging;
- Practices that support meaningful and equitable inclusion of marginalized and/or vulnerable groups.